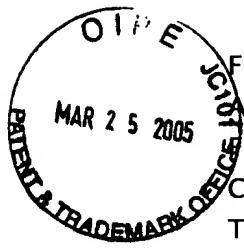


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



First Named Inventor: Ramarathnam Venkatesan Attorney Docket No.: 171146.01
Application No.: 09/843,287 Group Art Unit: 2621
Filed: 04/24/2001 Examiner: Johns, Andrew W.
Customer No.: 22971 Confirmation Number: 7805
Title: Robust And Stealthy Video Watermarking Into Regions Of Successive Frames

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

STATEMENT FILED PURSUANT TO
THE DUTY OF DISCLOSURE UNDER 37 C.F.R. §§ 1.56, 1.97 AND 1.98

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

PART I: Compliance with 37 C.F.R. § 1.97

This Information Disclosure Statement has been filed before the mailing date of a first Office Action after the filing of a request for continued examination under 37 C.F.R. 1.114. No fee or certification is required.

PART II: Additional Information

The Applicant hereby makes the following additional information of record in the above-identified application.

The Applicant would like to bring to the Examiner's attention the following co-pending applications that may contain subject matter related to this application:

<u>Serial No.</u>	<u>Filing Date</u>	<u>First named Inventor</u>
09/390,272	09/07/1999	Ramarathnam Venkatesan
09/316,899	05/22/1999	Darko Kirovski
09/390,271	09/07/1999	Ramarathnam Venkatesan
09/614,660	07/12/2000	Darko Kirovski
09/421,986	10/19/1999	Ramarathnam Venkatesan
09/843,234	04/24/2001	M. Mihcak
09/843,279	04/24/2001	M. Mihcak
09/843,254	04/24/2001	M. Mihcak

PART III: Remarks

The Applicant hereby makes of record in the above-identified application the information listed on the attached forms PTO/SB/08A and 08B. The order of presentation of the references should not be construed as an indication of the importance of the references. Documents cited on the attached forms PTO/SB/08A and 08B are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO/SB/08A be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. § 102.

Notwithstanding any statement by the Applicant, the Applicant urges the Examiner to form his own conclusion regarding the relevance of the cited information. An early and favorable action is hereby requested.

Respectfully submitted,

Date: 3/23/05

MICROSOFT CORPORATION

By: Paul B. Heynssens

Paul B. Heynssens, Reg. No.: 47,648
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Direct Telephone: (425) 707-3913

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

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3/23/05
Date

Paul B. Heynssens
Signature

PAUL HEYNSENS

Type or Print Name



Substitute for form 1449/PTO				Title Of Invention	Robust And Stealthy Video Watermarking Into Regions Of Successive Frames
				Application Number	09/843,287
				Filing Date	04/24/2001
				First Named Inventor	Ramarathnam Venkatesan
				Art Unit	2621
				Examiner Name	Johns, Andrew W.
Sheet	1	of	2	Attorney Docket Number	171146.01

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code ² (if known)			
A					

FOREIGN PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Kind Code ⁵ Country Code ³ Number ⁴ (if known)			
B					

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C	I. J. Cox, J. Killian, T. Leighton, and T. Shamoon, "A secure robust watermark for multimedia," <i>Information Hiding Workshop</i> , University of Cambridge, pp. 185–206, 1996.			
	D	B. Chen and G. W. Wornell, "Digital watermarking and information embedding using dither modulation," <i>Proc. IEEE Workshop on Multimedia Signal Processing</i> , Redondo Beach, CA, pp. 273–278, Dec. 1998.			

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Information Disclosure Statement—PTO/SB/08a&b
Matter No.: 171146.01

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ²	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ³
	E	F. A. P. Petitcolas and R. J. Anderson, "Evaluation of copyright marking systems," <i>Proceedings of IEEE Multimedia Systems'99</i> , vol. 1, pp. 574—579, 7—11 June 1999, Florence, Italy.	
	F	M. D. Swanson, B. Zhu and B. Chau, "Object based transparent video watermarking," <i>Proceedings of IEEE Signal Processing Society 1997 Workshop on Multimedia Signal Processing</i> , June 23 — 25, 1997, Princeton, New Jersey, USA.	
	G	T. Kalker and J. Haitsma, "Efficient detection of a spatial spread-spectrum watermark in MPEG video streams," <i>Proc. IEEE ICIP</i> , Vancouver, Canada, September 2000.	
	H	J. Dittman, M. Stabenau and R. Steinmetz, "Robust MPEG video watermarking technologies," <i>Proceedings of ACM Multimedia '98</i> , The 6th ACM International Multimedia Conference, Bristol, England, pp. 71—80.	
	I	M. K. Mihçak and R. Venkatesan, "A tool for robust audio information hiding: A perceptual audio hashing algorithm," <i>submitted to Workshop on Information Hiding</i> , Pittsburgh, PA, 2001.	

Examiner Signature		Date Considered	
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). ⁵For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.